DEFENSE INFORMATION SYSTEMS AGENCY
P. O. BOX 549
FORT MEADE, MARYLAND 20755-0549

IN REPLY
REFER TO: Joint Interoperability Test Command (JTE)

MEMORANDUM FOR DISTRIBUTION   **10 May 11**

SUBJECT: Special Interoperability Test Certification of the Asentria® TeleBoss^{TM} 850
Telecom Site Controller (T850) with Software Release 2.06.230_JTC01

References: (a) DOD Directive 4630.05, "Interoperability and Supportability of Information
Technology (IT) and National Security Systems (NSS)," 5 May 2004
(b) CJCSI 6212.01E, "Interoperability and Supportability of Information
Technology and National Security Systems," 15 December 2008
(c) through (e), see Enclosure 1

1. References (a) and (b) establish the Defense Information Systems Agency, Joint
Interoperability Test Command (JITC), as the responsible organization for interoperability test
certification.

2. The Asentria® TeleBoss^{TM} 850 Telecom Site Controller (T850) with Software Release
2.06.230_JTC01 is hereinafter referred to as the system under test (SUT). The SUT meets all of
its critical interoperability requirements and is certified for joint use within the Defense
Information System Network (DISN) as a Customer Premise Equipment (CPE). The SUT
consolidates data collection and monitoring responsibilities and then distributes the data to
external devices. The SUT can be used with a site-provided management console or as an
interface between a digital switching system and a telecommunications management system for
Automated Message Accounting, Fault Management, Configuration Management, or
Configuration Management via an Internet Protocol (IP) or serial interface. The SUT is certified
specifically with switching systems listed in Table 1 that are listed on the Unified Capabilities
(UC) Approved Product List (APL). The SUT meets the critical interoperability requirements
set forth in Reference (c), using test procedures derived from Reference (d). No other
configurations, features, or functions, except those cited within this report, are certified by the
JITC. This certification expires upon changes that could affect interoperability, but no later than
three years from the date the Field Security Office (FSO) provided a positive Certification and
Accreditation (CA) Recommendation.

Table 1. SUT Certified Switching System Configurations

Switch Name (See note.)	Network Management Functions	Interface
Avaya CS2100	Automated Message Accounting	EIA-232 Serial Asynchronous
Avaya CS1000M, CS1000M-SG, Succession DSN M1 Option 61C, and Succession DSN M1 Option 81C	Automated Message Accounting, Fault Management, Configuration Management, Performance Management	EIA-232 Serial Asynchronous

Table 1. SUT Certified Switching System Configurations (continued)

Switch Name (See note.)	Network Management Functions	Interface
Avaya CS1000E, CS1000M-Cabinet, CS1000M-Chassis, Succession DSN M1 Option 11C Cabinet, and Succession DSN M1 Option 11C chassis	Automated Message Accounting, Fault Management, Configuration Management, Performance Management	EIA-232 Serial Asynchronous
Alcatel-Lucent 5ESS, CDX	Automated Message Accounting, Fault Management, Configuration Management, Performance Management	EIA-232 Serial Asynchronous
Cisco CallManager/Communication Manager	Automated Message Accounting	IEEE 802.3u Ethernet
Avaya S8720, S8710, S8700	Automated Message Accounting	IEEE 802.3u Ethernet

NOTE: The SUT is certified with all software versions of these digital switching systems which are listed on the UC APL. The SUT consolidates data collection and monitoring responsibilities and then distributes the data to external devices. The SUT can be used with a site-provided management console or as an interface between a digital switching system and a TMS for Automated Message Accounting, Fault Management, Configuration Management, or Configuration Management via an IP or serial interface. The SUT is certified with all CPE TMS systems which are listed on the UC APL under the CPE or NM product categories.

LEGEND:

5ESS	Class 5 Electronic Switching System	EIA-232	Standard for defining the mechanical and electrical characteristics for connecting DTE and DCE data communications devices
802.3u	Standard for carrier sense multiple access with collision detection at 100 Mbps	IEEE	Institute of Electrical and Electronics Engineers
APL	Approved Products List	IP	Internet Protocol
CS	Communication Server	M1	Meridian 1
CDX	Compact Digital Exchange	Mbps	Megabits per second
CPE	Customer Premise Equipment	NM	Network Management
DCE	Data Circuit-terminating Equipment	SG	Single Group
DSN	Defense Switched Network	SUT	System Under Test
DTE	Data Terminal Equipment	TDM	Time Division Multiplexing
EIA	Electronic Industries Alliance	UC	Unified Capabilities

3. This finding is based on interoperability testing, review of the vendor's Letters of Compliance (LoC), and FSO CA Recommendation. Interoperability testing was conducted by JITC at the Global Information Grid Network Test Facility, Fort Huachuca, Arizona, from 9 through 28 August 2010. Review of the vendors LoC was completed on 11 January 2011. The FSO provided a positive CA Recommendation on 3 March 2011 based on the security testing completed by DISA-led IA test teams and published in a separate report, Reference (e).

4. Functional Requirements used to evaluate the interoperability of the SUT and the interoperability statuses are depicted in Table 2.

Table 2. SUT Functional Requirements and Interoperability Status

Interface	Critical	Certified	Functional Requirements	Status	UCR Reference
Serial EIA-232	No[1]	Yes	In accordance with EIA-232 (C)	Met	5.2.8.1
			Automated Message Accounting (C)	Met	5.2.8.5
			Configuration Management (R)	Met	5.2.8.4
			Performance Management (R)	Met	5.2.8.6
			Fault Management (R)	Met	5.2.8.3
			FCC Part 15/Part 68 and ACTA (R)	Met	5.2.12.3.5
IEEE 802.3u Ethernet	No[1]	Yes	In Accordance with IEEE 802.3u (C)	Met	5.2.8.1
			Automated Message Accounting (C)	Met	5.2.8.5
			DSCP in accordance with RFC 2474 (R)	Met	5.3.1.3.3
			IPv6 (C)	Not Met[2]	5.3.5
	Yes	Yes	Security (R)	See note 3.	Section 3

Table 2. SUT Functional Requirements and Interoperability Status (continued)

NOTES:
1 The SUT is a CPE device that provides network monitoring functions. Therefore, the SUT interfaces are based on the UCR, section 5.2.8.1. The Network Management interoperability requirement can be met with any of the following interfaces: Ethernet, asynchronous serial, or synchronous serial. The functional requirements are based on the UCR, sections 5.2.8 and 5.2.12.3.5.
2 The SUT does not support IPv6. IPv6 is not required for CPE or NM devices with the exception of IP end instruments.
3 Security is tested by DISA-led Information Assurance test teams and published in a separate report, Reference (e).

LEGEND:

802.3u	Standard for carrier sense multiple access with collision detection at 100 Mbps	FCC	Federal Communications Commission
ACTA	Administrative Council for Terminal Attachments	IEEE	Institute of Electrical and Electronics Engineers
C	Conditional	IP	Internet Protocol
CPE	Customer Premise Equipment	IPv6	Internet Protocol version 6
DCE	Data Circuit-terminating Equipment	Mbps	Megabits per second
DSCP	Differentiated Services Code Point	NM	Network Management
DTE	Data Terminal Equipment	R	Required
EIA	Electronic Industries Alliance	RFC	Request For Comments
EIA-232	Standard for defining the mechanical and electrical characteristics for connecting DTE and DCE data communications devices	SUT	System Under Test
		UCR	Unified Capabilities Requirements

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5. No detailed test report was developed in accordance with the Program Manager's request. JITC distributes interoperability information via the JITC Electronic Report Distribution (ERD) system, which uses Unclassified-But-Sensitive Internet Protocol Router Network (NIPRNet) e-mail. More comprehensive interoperability status information is available via the JITC System Tracking Program (STP). The STP is accessible by .mil/gov users on the NIPRNet at https://stp.fhu.disa.mil. Test reports, lessons learned, and related testing documents and references are on the JITC Joint Interoperability Tool (JIT) at https://jit.fhu.disa.mil (NIPRNet). Information related to DSN testing is on the Telecom Switched Services Interoperability (TSSI) website at http://jitc.fhu.disa.mil/tssi. Due to the sensitivity of the information, the Information Assurance Accreditation Package (IAAP) that contains the approved configuration and deployment guide must be requested directly through government civilian or uniformed military personnel from the Unified Capabilities Certification Office (UCCO), e-mail: ucco@disa.mil.

6. The JITC point of contact is Ms. Anita Mananquil, DSN 879-5164, commercial (520) 538-5164, FAX DSN 879-4347, or e-mail to anita.mananquil@disa.mil. The JITC's mailing address is P.O. Box 12798, Fort Huachuca, AZ 85670-2798. The tracking number for the SUT is 1013001.

FOR THE COMMANDER:

2 Enclosures a/s

for BRADLEY A. CLARK
Chief
Battlespace Communications Portfolio

JITC Memo, JTE, Special Interoperability Test Certification of the Asentria® TeleBoss^{TM} 850 Telecom Site Controller with Software Release 2.06.230_JTC01

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U.S. Joint Forces Command, Net-Centric Integration, Communication, and Capabilities
    Division, J68
Defense Information Systems Agency, GS23

ADDITIONAL REFERENCES

(c)   Office of the Assistant Secretary of Defense, "Department of Defense Unified Capabilities Requirements 2008," 22 January 2009

(d)   Joint Interoperability Test Command, "Defense Switched Network Generic Switch Test Plan (GSTP) Change 2," 2 October 2006

(e)   Joint Interoperability Test Command, Memo, "Information Assurance (IA) Assessment of Asentria TeleBoss 850 Telecom Site Controller (T850) Release (Rel.) 2.06.230_Joint Interoperability Test Command (JITC) 01 (Tracking Number 1013001)," 3 March 2011

CERTIFICATION TESTING SUMMARY

1. SYSTEM TITLE. Asentria® TeleBoss™ 850 Telecom Site Controller with Software Release 2.06.230_JTC01 hereinafter referred to as the system under test (SUT).

2. PROPONENT. Program Executive Office Command, Control, Communications, Computers and Intelligence (PEO C4I) Shore and Expeditionary Program Office (PMW 790).

3. SPONSOR. Ms. Shirley Dolengo, 4301 Pacific Highway PMW 790/Bldg OT-4, San Diego, California, 92110, e-mail: Shirley.dolengo@navy.mil.

4. TESTER. Joint Interoperability Test Command (JITC), Fort Huachuca, Arizona.

5. SYSTEM UNDER TEST DESCRIPTION. The SUT is a proprietary network device that provides a centralized, network-enabled, method for data collection and monitors responsibilities on peripherals such as: phones, networks, and voicemail switches. The SUT offers the ability to collect and buffer data from multiple switches using the Electronic Industries Alliance (EIA)-232 or Internet Protocol (IP) interfaces, which is then distributed to an external device such as a site-provided management console. The SUT is also certified as a Customer Premise Equipment (CPE) component required to convert serial to IP or connect IP to IP within a CPE Telecommunications Management Systems (TMS), which is also on the Unified Capabilities (UC) Approved Products List (APL). The SUT also is capable of monitoring sensors and generating notifications on the network. This permits centralized aggregation, monitoring, and timely servicing of alarming environmental and equipment fault conditions.

6. OPERATIONAL ARCHITECTURE. The Unified Capabilities Requirements (UCR) Defense Switched Network (DSN) architecture in Figure 2-1 depicts the relationship of the SUT to the DSN switches.
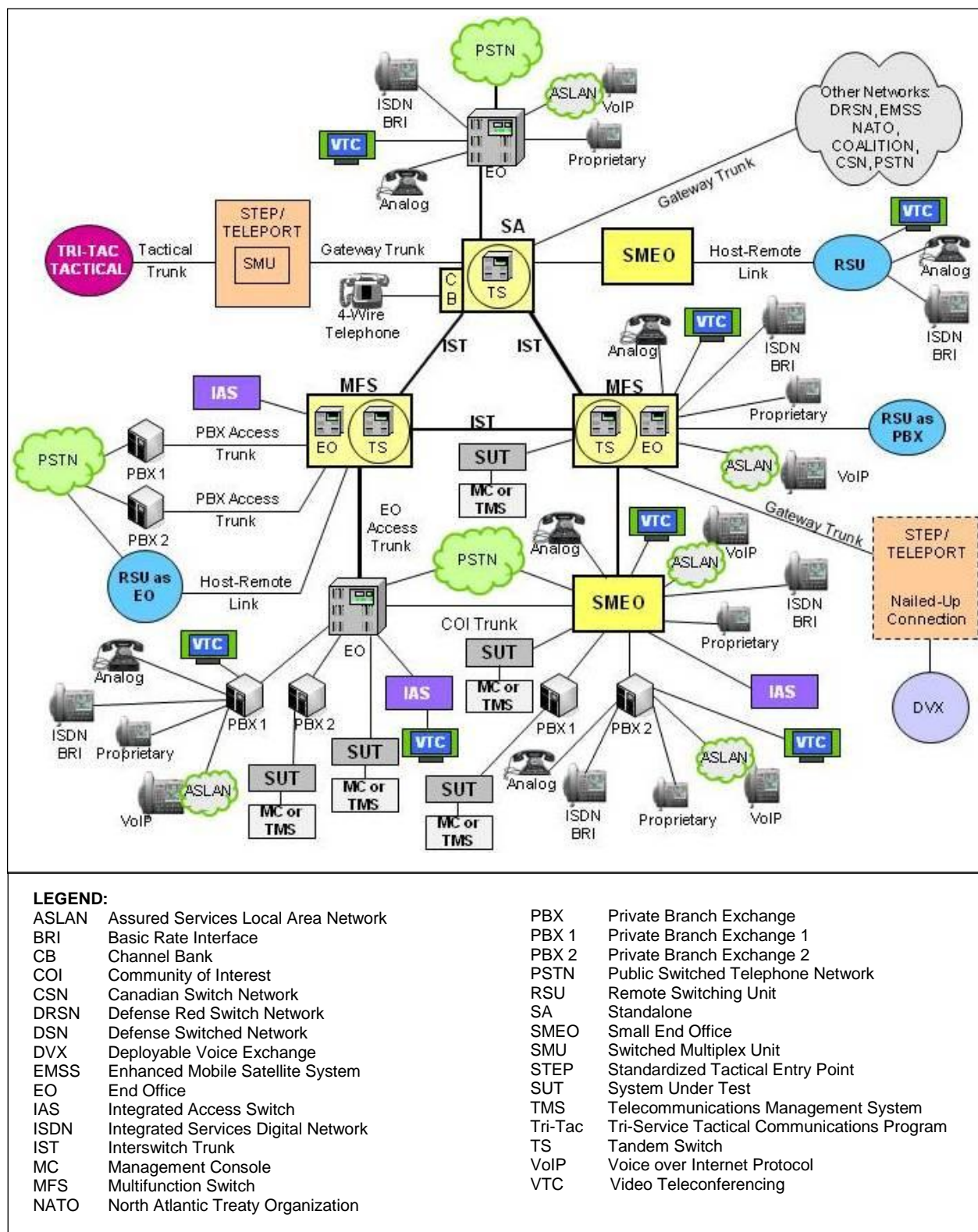
LEGEND:

ASLAN	Assured Services Local Area Network
BRI	Basic Rate Interface
CB	Channel Bank
COI	Community of Interest
CSN	Canadian Switch Network
DRSN	Defense Red Switch Network
DSN	Defense Switched Network
DVX	Deployable Voice Exchange
EMSS	Enhanced Mobile Satellite System
EO	End Office
IAS	Integrated Access Switch
ISDN	Integrated Services Digital Network
IST	Interswitch Trunk
MC	Management Console
MFS	Multifunction Switch
NATO	North Atlantic Treaty Organization
PBX	Private Branch Exchange
PBX 1	Private Branch Exchange 1
PBX 2	Private Branch Exchange 2
PSTN	Public Switched Telephone Network
RSU	Remote Switching Unit
SA	Standalone
SMEO	Small End Office
SMU	Switched Multiplex Unit
STEP	Standardized Tactical Entry Point
SUT	System Under Test
TMS	Telecommunications Management System
Tri-Tac	Tri-Service Tactical Communications Program
TS	Tandem Switch
VoIP	Voice over Internet Protocol
VTC	Video Teleconferencing

Figure 2-1. DSN Architecture

7. REQUIRED SYSTEM INTERFACES. Requirements specific to the SUT and interoperability results are listed in Table 2-1. These requirements are derived from Reference (c) and verified through the test procedures listed in Reference (d).

Table 2-1. SUT Functional Requirements and Interoperability Status

Interface	Critical	Certified	Functional Requirements	Status	UCR Reference
Serial EIA-232	No[1]	Yes	In accordance with EIA-232 (C)	Met	5.2.8.1
			Automated Message Accounting (C)	Met	5.2.8.5
			Configuration Management R	Met	5.2.8.4
			Performance Management	Met	5.2.8.6
			Fault Management R	Met	5.2.8.3
			FCC Part 15/Part 68 and ACTA (R)	Met	5.2.12.3.5
IEEE 802.3u Ethernet	No[1]	Yes	In Accordance with IEEE 802.3u (C)	Met	5.2.8.1
			Automated Message Accounting (C)	Met	5.2.8.5
			DSCP in accordance with RFC 2474	Met	5.3.1.3.3
			IPv6 (C)	Not Met[2]	5.3.5
	Yes	Yes	Security (R)	See note 3.	Section 3

NOTES:
1 The SUT is a CPE device that provides network monitoring functions. Therefore, the SUT interfaces are based on the UCR, section 5.2.8.1. The Network Management interoperability requirement can be met with any of the following interfaces: Ethernet, asynchronous serial, or synchronous serial. The functional requirements are based on the UCR, sections 5.2.8 and 5.2.12.3.5.
2 The SUT does not support IPv6. IPv6 is not required for CPE or NM devices with the exception of IP end instruments.
3 Security is tested by DISA-led Information Assurance test teams and published in a separate report, Reference (e).

LEGEND:

802.3u	Standard for carrier sense multiple access with collision detection at 100 Mbps	FCC	Federal Communications Commission
ACTA	Administrative Council for Terminal Attachments	IEEE	Institute of Electrical and Electronics Engineers
C	Conditional	IP	Internet Protocol
CPE	Customer Premise Equipment	IPv6	Internet Protocol version 6
DCE	Data Circuit-terminating Equipment	Mbps	Megabits per second
DSCP	Differentiated Services Code Point	NM	Network Management
DTE	Data Terminal Equipment	R	Required
EIA	Electronic Industries Alliance	RFC	Request For Comments
EIA-232	Standard for defining the mechanical and electrical characteristics for connecting DTE and DCE data communications devices	SUT	System Under Test
		UCR	Unified Capabilities Requirements

8. TEST NETWORK DESCRIPTION. The SUT was tested at JITC's Global Information Grid Network Test Facility in a manner and configuration similar to that of the DSN operational environment. Testing the system's required functions and features was conducted using the test configurations depicted in Figure 2-2.
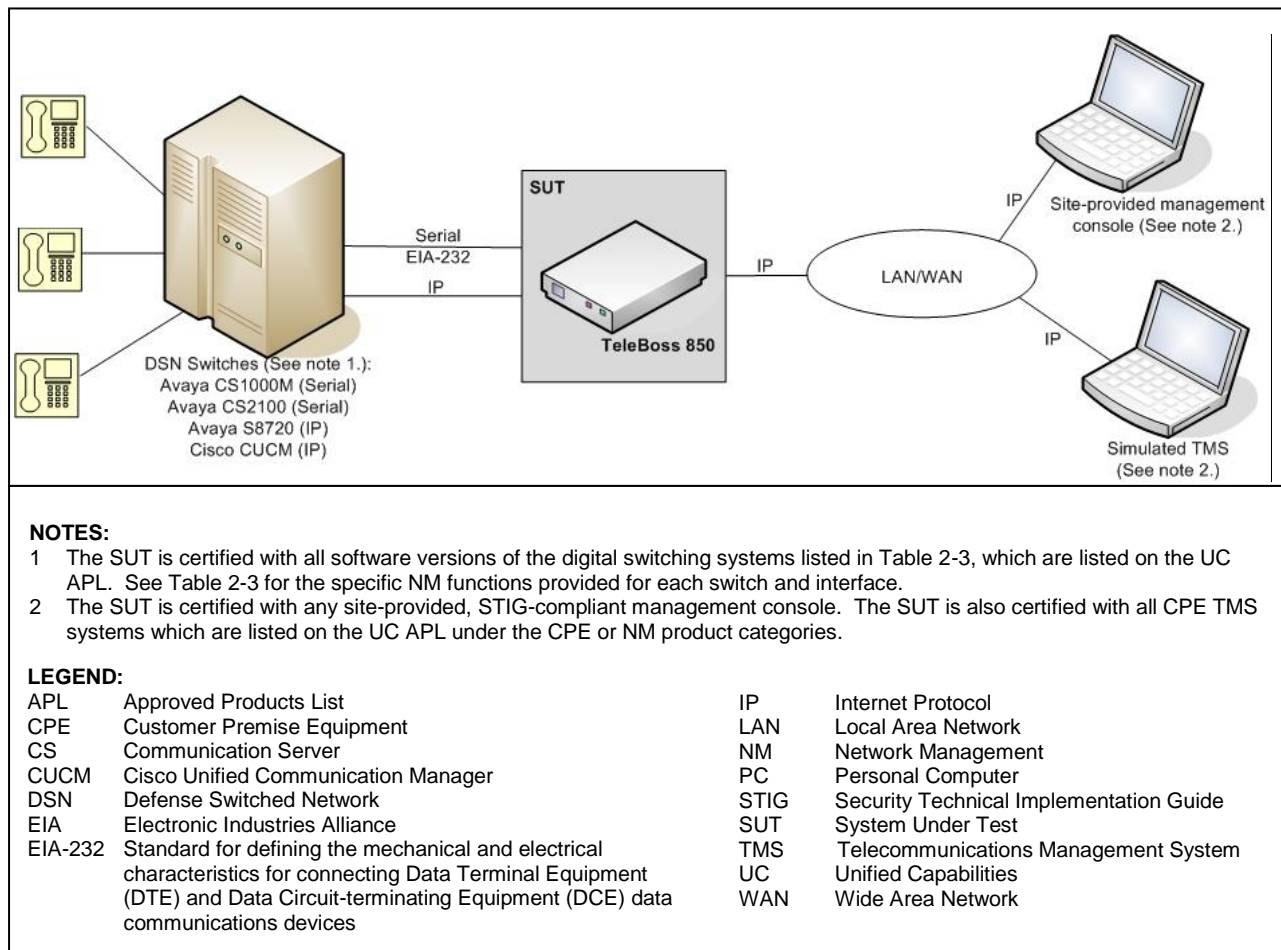
NOTES:
1   The SUT is certified with all software versions of the digital switching systems listed in Table 2-3, which are listed on the UC APL. See Table 2-3 for the specific NM functions provided for each switch and interface.
2   The SUT is certified with any site-provided, STIG-compliant management console. The SUT is also certified with all CPE TMS systems which are listed on the UC APL under the CPE or NM product categories.

LEGEND:

APL	Approved Products List	IP	Internet Protocol
CPE	Customer Premise Equipment	LAN	Local Area Network
CS	Communication Server	NM	Network Management
CUCM	Cisco Unified Communication Manager	PC	Personal Computer
DSN	Defense Switched Network	STIG	Security Technical Implementation Guide
EIA	Electronic Industries Alliance	SUT	System Under Test
EIA-232	Standard for defining the mechanical and electrical	TMS	Telecommunications Management System
	characteristics for connecting Data Terminal Equipment	UC	Unified Capabilities
	(DTE) and Data Circuit-terminating Equipment (DCE) data	WAN	Wide Area Network
	communications devices		

Figure 2-2. SUT Test Configuration

9. SYSTEM CONFIGURATIONS. Table 2-2 provides the system configurations, hardware, and software components tested with the SUT. The SUT was tested in an operationally realistic environment to determine interoperability with a complement of DSN switches noted in Table 2-2. Table 2-2 lists the DSN switches which depict the tested configuration and is not intended to identify the only switches that are certified with the SUT. The SUT is certified with the switching systems listed in Table 2-3 which are on the UC APL. The SUT is also certified with the CPE TMS systems which are listed on the UC APL under the CPE or Network Management (NM) product categories.

Table 2-2. Tested System Configurations

System Name (See note 1.)		Hardware/Software Release
Cisco CUCM		8.0 (2)
Avaya CS2100		Succession Enterprise (SE)09.1
Avaya CS1000M		5.0w
Avaya S8720		Communication Manager (CM) 4.0 (R014x.00.2.731.7: Super Patch 14419)
Site-Provided Management Console (See note 2.)		Dell Studio 1555 (Intel Core2 Duo CPU T6400 @ 2.00GHz), RAM: 3 GB, Hard drive size: 300 GB,OS: Windows XP Version 2002 Service Pack 3, Applications: PuTTY Release 0.60 SSH client
Asentria® TeleBoss™ 850 Telecom Site Controller (T850) with software release 2.06.230_JTC01 (SUT)	**Subcomponent**	**Function**
	4S (Expansion Card)	The 4S Port card provides a user-expandable Input/Output (I/O) interface for data collection and remote maintenance with a capability up to 115,200 baud. 4 Serial Ports (EIA-232)
	8 CI (Expansion Card)	The 8CI card provides monitoring capabilities that signal abnormalities of an environmental or software condition.
	4C4V (Expansion Card)	The 4C4V card provides monitoring capabilities to equipment that signals abnormalities of an environmental or software condition and contains 4 voltage inputs, which share a common ground.
	4C4R (Expansion Card)	The 4C4R card provides monitoring capabilities to equipment that signals abnormalities of an environmental or software condition. The 4C4R also has the ability to short connected circuits in order to set off alarms, warning lights, or turn on or off air conditioning units without exceeding the 30 watt, 1 amp, or 60 volt limit.
	4VI4C (Expansion Card)	The 4VI4C card provides monitoring capabilities to equipment that signals abnormalities of an environmental or software condition and contains 4 voltage inputs, which do not have to share a common ground.
	8M (Expansion Card)	The 8M card provides monitoring capabilities to equipment that signals abnormalities of an environmental or software condition detecting current loops instead of voltage inputs typically over long distances.
	EST (External Sensor)	The EST is installed to optimally measure temperature ranging from -25 Celsius to 85 Celsius.
	ESTH (External Sensor)	The ESTH is installed to optimally measure temperature ranging from -25 Celsius to 85 Celsius, as well as the relative humidity.

NOTES:
1   The SUT is certified specifically with switching systems and their respective interfaces listed in Table 2-3 and CPE TMS systems which are listed on the UC APL under the CPE or NM product categories.
2   The SUT is certified with any site-provided, STIG-compliant management console.

LEGEND:

APL	Approved Products List	GB	Gigabyte
C	Celsius	GHz	GigaHertz
CI	Contact Closure Input	M	Milliamp
CPE	Customer Premise Equipment	NM	Network Management
CPU	Central Processing Unit	OS	Operating System
CS	Communication Server	PC	Personal Computer
CUCM	Cisco Unified Communication Manager	R	Relay
DSN	Defense Switched Network	RAM	Random Access Memory
EIA	Electronic Industries Alliance	SSH	SecureShell
EIA-232	Standard for defining the mechanical and electrical	SP2	Service Pack 2
	characteristics for connecting Data Terminal Equipment (DTE)	STIG	Security Technical Implementation Guide
	and Data Circuit-terminating Equipment (DCE) data	SUT	System Under Test
	communications devices	TMS	Telecommunications Management System
EST	EventSensor Temperature	UC	Unified Capabilities
ESTH	EventSensor Temperature and Humidity		

Table 2-3. SUT Certified Switching System Configurations

Switch Name (See note.)	Network Management Functions	Interface
Avaya CS2100	Automated Message Accounting	EIA-232 Serial Asynchronous
Avaya CS1000M, CS1000M-SG, Succession DSN M1 Option 61C, and Succession DSN M1 Option 81C	Automated Message Accounting, Fault Management, Configuration Management, Performance Management	EIA-232 Serial Asynchronous
Avaya CS1000E, CS1000M-Cabinet, CS1000M-Chassis, Succession DSN M1 Option 11C Cabinet, and Succession DSN M1 Option 11C chassis	Automated Message Accounting, Fault Management, Configuration Management, Performance Management	EIA-232 Serial Asynchronous
Alcatel-Lucent 5ESS, CDX	Automated Message Accounting, Fault Management, Configuration Management, Performance Management	EIA-232 Serial Asynchronous
Cisco CallManager/Communication Manager	Automated Message Accounting	IEEE 802.3u Ethernet
Avaya S8720, S8710, S8700	Automated Message Accounting	IEEE 802.3u Ethernet

NOTE: The SUT is certified with all software versions of these digital switching systems which are listed on the UC APL. The SUT consolidates data collection and monitoring responsibilities and then distributes the data to external devices. The SUT can be used with a site-provided management console or as an interface between a digital switching system and a TMS for Automated Message Accounting, Fault Management, Configuration Management, or Configuration Management via an IP or serial interface. The SUT is certified with all CPE TMS systems which are listed on the UC APL under the CPE or NM product categories.

LEGEND:

5ESS	Class 5 Electronic Switching System	EIA-232	Standard for defining the mechanical and electrical characteristics for connecting DTE and DCE data communications devices
802.3u	Standard for carrier sense multiple access with collision detection at 100 Mbps		
APL	Approved Products List	IEEE	Institute of Electrical and Electronics Engineers
CS	Communication Server	IP	Internet Protocol
CDX	Compact Digital Exchange	M1	Meridian 1
CPE	Customer Premise Equipment	Mbps	Megabits per second
DCE	Data Circuit-terminating Equipment	NM	SG Single Group
DSN	Defense Switched Network	SUT	System Under Test
DTE	Data Terminal Equipment	TDM	Time Division Multiplexing
EIA	Electronic Industries Alliance	TMS	Telecommunications Management System
		UC	Unified Capabilities

10. TEST LIMITATIONS. None.

11. TEST RESULTS

a. Discussion. The SUT consolidates data collection and monitoring responsibilities and then distributes the data to external devices. The SUT can be used with a site-provided management console or as an interface between a digital switching system and a telecommunications management system for Automated Message Accounting (AMA), Fault Management, Configuration Management, or Configuration Management via an Internet Protocol (IP) or serial interface. The requirements listed in the UCR, section 5.2.8, are NM requirements for DSN switches. The SUT was tested with these requirements as the NM system connected to the DSN switches. The SUT was directly connected to the digital switching system via serial or IP.

(1) In accordance with the UCR, section 5.2.8.1, DSN switching systems shall provide DSN NM data to the Advanced DSN Integrated Management Support System (ADIMSS) via one of the three following physical interfaces: Ethernet, serial asynchronous EIA-232, or serial synchronous International Telecommunication Union - Telecommunication Standardization Sector [ITU-T] X.25. The SUT, as a CPE between

a digital switching system and a management console or TMS, met all critical interoperability certification requirements for physical interfaces with Ethernet and EIA-232.

(2) In accordance with the UCR, section 5.2.8.3, the DSN telephone switching systems shall detect fault (alarm) conditions and generate alarm notifications. The alarm messages must be sent to the assigned NM alarm channel in near-real time. No alarm restriction/filtering is necessary. In addition to the data formats in Section 5.2.8.1, DISA/DSN Network Management, alarms may be sent as Simple Network Management Protocol (SNMP) traps. Multiple alarms were generated on the switches. The alarm data was collected by the SUT and viewed on the management console. The SUT, as a CPE between a digital switching system and a management console or TMS, met all critical interoperability certification requirements in accordance with the UCR for switches listed in Table 2-3.

(3) In accordance with the UCR, section 5.2.8.4, Configuration Management in a switching system shall be in accordance with Telcordia Technologies GR-472-CORE, Network Element Configuration Management, Revision 2, Feb. 1999, Section 4. The management console connected to the switching systems remotely through the SUT, which was configured in a manner to adequately provide removal, installation, and changes to subscriber lines as necessary. The SUT met all critical interoperability requirements for Configuration Management

(4) In accordance with the UCR, section 5.2.8.5, the AMA process in a switching system provides usage related data to perform customer billing and Call Detail Recording (CDR). The CDR data was collected by the SUT and viewed on the management console. The SUT met all critical interoperability requirements for AMA for switches listed in Table 2-3.

(5) In accordance with the UCR, section 5.2.8.6, Performance Management Data, shall contain the minimum DSN switch performance data requirements as seen in UCR Table 5.2.8-2. The management console was able to display all required fields from the SUT and met all critical interoperability requirements for Performance Management.

b. Test Summary. The SUT meets all of its critical interoperability requirements and is certified for joint use within the Defense Information System Network (DISN) as a CPE. The SUT is certified specifically with switching systems and their respective interfaces listed in Table 2-3. The SUT is certified for use with a site-provided management console or any CPE TMS system, which is listed on the UC APL under the CPE or NM product categories.

12. TEST AND ANALYSIS REPORT. No detailed test report was developed in accordance with the Program Manager's request. JITC distributes interoperability information via the JITC Electronic Report Distribution (ERD) system, which uses Unclassified-But-Sensitive Internet Protocol Router Network (NIPRNet) e-mail. More

comprehensive interoperability status information is available via the JITC System Tracking Program (STP). The STP is accessible by .mil/gov users on the NIPRNet at https://stp.fhu.disa.mil. Test reports, lessons learned, and related testing documents and references are on the JITC Joint Interoperability Tool (JIT) at http://jit.fhu.disa.mil (NIPRNet). Information related to DSN testing is on the Telecom Switched Services Interoperability (TSSI) website at http://jitc.fhu.disa.mil/tssi. Due to the sensitivity of the information, the Information Assurance Accreditation Package (IAAP) that contains the approved configuration and deployment guide must be requested directly through government civilian or uniformed military personnel from the Unified Capabilities Certification Office (UCCO), e-mail: ucco@disa.mil.